

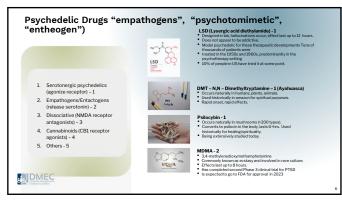
## What I will Cover Today

- The current landscape of psychedelics available as mental health treatments. Ketamine-assisted psychotherapy is being used as a legal off-label
  - medication, for treatment-resistant mental health conditions Status of Registered Psychedelics Studies in the American Drug Trial Registry
- Jurisdictional regulatory updates on psychedelics for medical use
- A brief overview of the history, the neurobiology of psychedelics, conditions treated and why they appear to be effective
- Psychedelics Effect on Work Ability
- Psychedelic Treatment Protocol
- Insurance and benefits coverage issues
   Example cost of treatment via CPT codes
- Lessons learned over the cannabis movement and why employers and payors
- can benefit from staying educated and up to date

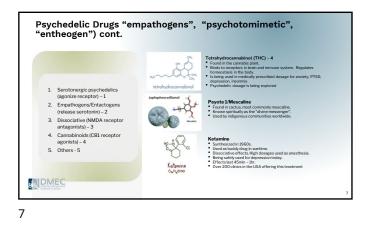
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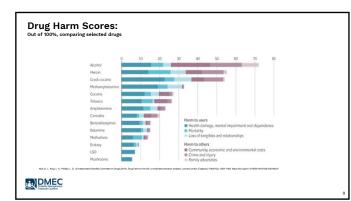
What is on the horizon: Psychedelics 5

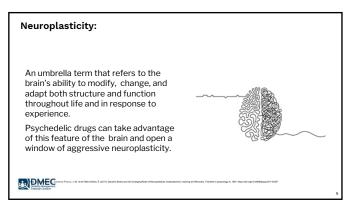


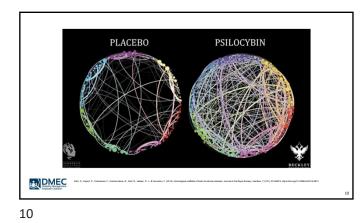


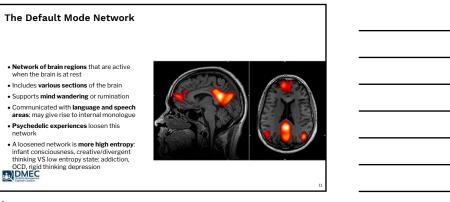


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### Measuring a Psychedelic Experience (through a non-clinical lens)

## MEQ30 (Mystical Experience Questionnaire) Factor 1: Mystical

- Factor I: Mystical
  Foredown from the limitations of your personal self and feeling a unity or bond with
  what was left to be personalized and and the sense impression.
  In the sense in the sense is the sense is the sense impression.
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- Experience of onemass or unity with objects analog persons perceived in your summarings.
   Experience of the life private pressures and theye.
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Factor 2: Positive Mood • Experience of amazement. • Feelings of tenderness and gent • Feelings of peace and tranquility • Experience of ecstasy. • Sense of awe or awesomeness.

Factor 3: Transcendence of Time and Space Loss of your usual sense of time. Loss of your usual sense of space. Loss of usual awareness of where you were. Sense of being "outside of "time, beyond past and fu Being in a realm with no space boundaries. Experience of timelessness.

### Factor 4: Ineffability

Sense that the experience cannot be described adequately in words.
Feeling that you could not do justice to your experience by describing it in words.
Feeling that it would be difficult to communicate your own experience to others who have not had similar experiences. ibed adequately in



 Legal psychedelic therapies (Ketamine for now)
 Stellate Ganglion Block biological treatment
 Rapid patient response (within days) with established treatment protocols

 One-six dosing(s) and psychotherapy integration sessions

 Neuroplastic and biological changes
 Emotional breakthroughs and sustained transformational experiences, where patients are empowered to enact their own lasting, meaningful changes

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## Paradigm Shift in Mental Health

### Current Psychopharmacological Approach New Approach

- Daily use of SSRIs and other psychotropic medications that blunt emotional response
   Passive 'wait and see' for results
- Takes weeks to appreciate benefits, slightly better than placebo
- Often prescribed without psychotherapy support
- Despite access to many medications mental health issues rising for decades
- Focuses on symptom reduction

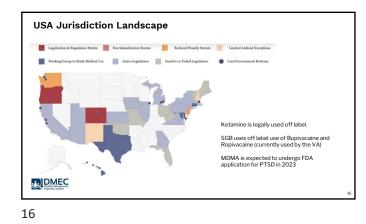
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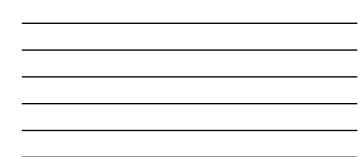
				ا development in psychedelic inical Trials
	Condition or Disease	i# trials	% of trials	One Clinical Trial Condition or disease
	Healthy* safety profile	35	33.3%	Cocaine addiction     Nicotine addiction
	Substance use disorder	14	13.3%	Anorexia nervosa     Anxiety disorders     Autism spectrum disorder
	PTSD	9	8.6%	Autism spectrum disorder     Bipolar disorder     Hepatic impairment
	Depression	8	7.6%	HIV     Obstructive sleep apnea
	Pain	8	7.6%	Tourette syndrome     Trichotillomania
	Alcohol	5	4.8%	<ul> <li>Depression, Anxiety, PTSD</li> <li>Depression, depressive symptoms, Alzheimer's disease, mild cognitive impairment</li> </ul>
	Cancer	5	4.8%	<ul> <li>Distress/grief depression</li> </ul>
	Multiple Conditions	4	3.8%	Tourette syndrome, tic disorder     Migraine
	Marijuana/cannabis	4	3.8%	Post-traumatic headache     Alzheimer's disease     Parkinson's disease
	Headache disorder	4	2.9%	Parkinson's disease     Post-operative pain     Post-traumatic pain
	Psychosis/schizophrenia	3	2.9%	Neuropathic low back pain     Inflammatory bowel disease
	Opiods	3	2.9%	Sickle cell disease
DMEC	Chronic pain	3	2.9%	1
<ul> <li>Employer Coalition</li> </ul>	OCD	2	1.9%	1

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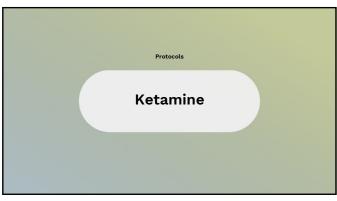
- 1 A lot on this slide and not clear what's being communicated here. Doc Springer, 7/6/2023
- 1 Fixed

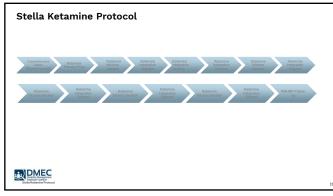
Michael Coupland, 7/6/2023





Other Jurisdiction Landscape		
CANADA		_
Health Canada Special Access Program (SAP) British Columbia and Health Canada Decriminalization of small personal use amounts     Alberta provincial government will regulate the psychedelic drugs psilocybin, psilocin, MDMA, LSD, mescaline, DMT,     Smethoxy DMT and ketamine as a treatment for psychiatric disorders.		_
AUSTRALIA		
<ul> <li>Australian Therapeutic Goods Association (TGA) published its decision to authorize the use of MDMA and Psilocybin for PTSD that has not responded to treatment, and psilocybin for treatment-resistant depression from July 2023.</li> </ul>		-
SGB is covered by insurance in Australia		
Psychedelic Tourism *each country has varied legal status, beyond the scope of this presentation		_
NETHERLANDS     IAMAICA		
BAHAMAS     BRAZII		
MEXICO		-
NEPAL     PERU		
PORTUGAL		
		_
DMEC		
Couplinger Cataloon	17	







Mindset	and Therapeutic Component	
Preparation	1	
	<ul> <li>Information about psychedelic treatments and the ways they help us heal</li> <li>Information about what to expect during your Ketamine infusion session at a Stella clinic</li> <li>Information to help each patient prepare - physically, mentally and emotionally - for</li> </ul>	
	their healing journey, including setting a specific intention for their infusion session Examples: "I want to feel calm and at peace in my body." "I want to experience more joy, and less frustration."	
	And information to help each patient understand the care and follow up they'll receive     after each Ketamine infusion session	20

Integrat	ion
	Critical process of making meaning of the content that emerges during sychedelic medicine sessions
• 4	Assessment of somatic, cognitive, emotional and relational experiences
• 5	Supported by licensed mental health experts
	/ital component that helps create long-lasting changes as a result of brief ourses of treatment



# Slide 20

# 2 I created this to simplify the message here Doc Springer, 7/5/2023

# Slide 21

# 3 I created this to simplify the message here Doc Springer, 7/6/2023

# 2 Ok

Michael Coupland, 7/6/2023

### **Psychedelics and Work Ability** A pilot retrospective analysis, Coupland 2023

Introduction: This study compares the effectiveness of Ketamine Assisted Psychotherapy to concurrently impact work abilities correlated to the impact on depression, anxiety, and PTSD symptoms

Methods: Pre and post treatment depression symptoms (PHQ9), anxiety symptoms (GAD7) and PTSD (PCL6 ) symptoms were retrospectively assessed in a pilot data analysis of 30 patients who volutered to be intrivieved regarding and patients who volutered to be intrivieved regarding and status.

Results: Results: All measures show pre vs post treatment statistically significant clinical improvement via Cohen's d statistical analysis and previous research on minimal clinically important change (MCIC)

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## Patient Experiences and Testimonials

"After years of feeling stuck, I finally feel like I have all of the pieces I need to improve my mental health. I'm back into fitness and more open to exploring new things. I've learned a lot about intention setting and integration, and I've gotten back into reading for the first time in ware."

Byron, Former Canadian Armed Forces



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being hum from some	was opened to the full experience o an. I had been blocking myself off things because I was afraid of the

.... sungs becau emotions that were ass. Ketamine allowed me to zones when I did the trea 2021, and I've gotten me to exp Katie. Market Researcher



"I think the biggest breakthrough and most impactful thing is the integration 24 hours later with your psychotherapits while you're still in the residual effect of the ketamine, which actually gets you to look at your trauma while you're disassociated from it...1 still go through good days and bad days. but now (just have more tools in my toolbox to be able to cope."

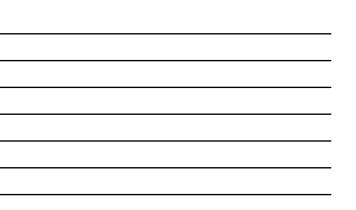
Bruno, Former Military & Performance Coach

Work Ability Index (0-10) (N=30)

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	07	OPT Description	Prychedelic Protocal Description	Units	National Medicare Reinbursement	Example Commentia Insurance Medicare Multipler
The pending medicalization of						
psychedelic medicine protocols		tettal Assessment for appropriate use and risk assessment.			м.	142%
	90792	Psychiatric Diagnostic Evaluation with Medical Services	Paych Cansait	•	\$296.33	\$275.27
<ul> <li>Legalization of psychedelics is, as of now, a state-level effort in conflict with federal law.</li> <li>Legislative changes that take place at the</li> </ul>	90791	Psychiatric Diagnostic Evaluation without Medical Services	Therapy Intake	1	\$171.86	\$244.80
		Progenities				
	90637	Nychatherapy (32 minuted)	Pegaratian	1	\$247.07	\$225.80
state level do not change the fact that		Treatment Section				
these substances are federally illegal. FDA approvals will change this and then state regulatory frameworks on medical use will apply Time based CPT codes currently exist for many components of the psychedelic treatment protocol EXCEPT for prolonged treatment protocol EXCEPT for prolonged AMA and Mericrase will be involved in new	90837	Extablished patient office or other outpatient wat, complex	Clearance and preparation on Day of Exploration	1	\$279.94	\$251.82
	99423	Cleace staff extended memboring	Guided Exploration (up to 130 mm)	1	\$58.08	\$25.83
	99424	Clinical staff extended monitoring	Additional each 32 min (*12 units edimated for Typical MDMA session)	u	\$028.72	\$148.01
		Integration				
AMA and Medicare will be involved in new code development	90687	Nychatherapy (32 minuted)	Integration	1	\$262.33	\$227.26
		Nol			\$884.55	\$1,078.07
		Each Additional Treatment Secsion			\$866.27	\$452.50
		Cost of Typical 3 section MDMA protocol			\$2,956.69	\$2,483.17





### **Regulatory and Policy Prospective Road Map**

Issues: Employers will be addressing paying for psychedelic medicine via health plan, via employee use of their HSA, via work comp benefits. Employers will be addressing disability peer review of psychedelic medicine recommendations by treating providers.

Employer Occupational health medical surveillance reporting of psychedelic medicine use, especially in safety-sensitive jobs

- 1. Step One: Employers will need to address these issues in States that legalize and regulate psychedelic medicine before it is FDA-approved for therapeutic use
- Step Two: Employers will need to address these issues when FDA approves for therapeutic use:

   AMA will need to develop some new billing codes to reimburse for the exploration stage. The assessment, preparation and integration stages are covered adequately with E&M codes
   Treatment guideline organizations, health plans, disability plans and work comp will need to develop or adopt clinical and UR guidelines.

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We are entering an exciting, and virtually uncharted territory exploring responsible innovation with the use of new healing modalities including psychedelics Michael Coupland, RPsych Expert Co 1-561-628-0831 (US cell) 1-250-265-1143 (Canadian cell) Michael.Coupland@StellaCenter.com

# Slide 26

# 4 Would end the deck here...

Doc Springer, 7/5/2023